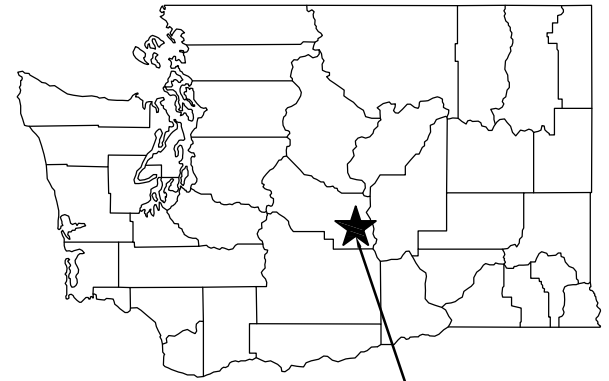


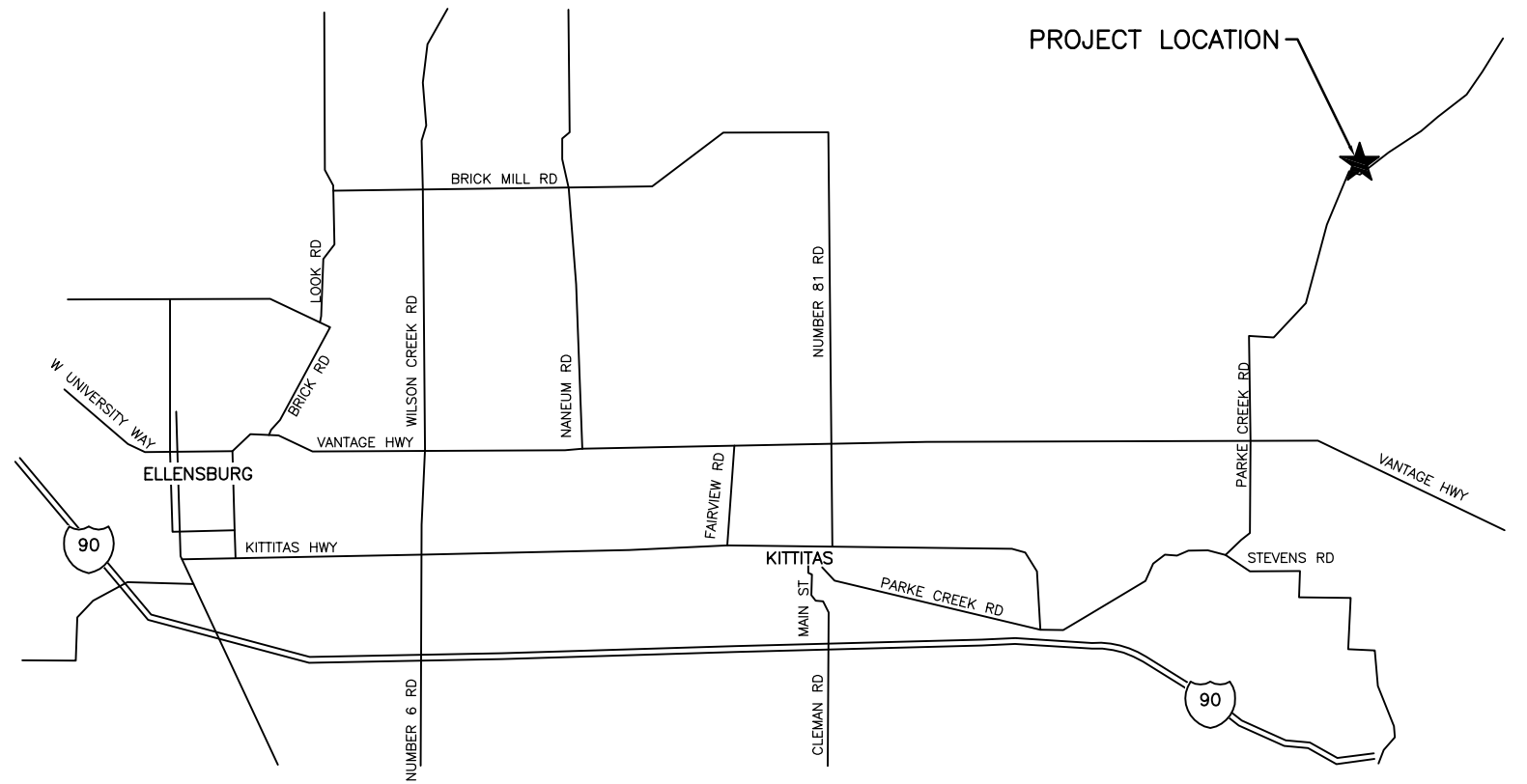
SITE PLAN
NOT TO SCALE

WORK POINTS			
POINT #	NORTHING	EASTING	DESCRIPTION
1	634987.38	1695706.18	BEGIN FENCING
2	634836.77	1697599.64	
3	637497.31	1697608.55	
4	637333.11	1702782.86	
5	636675.97	1702790.09	
6	636738.81	1706124.58	END FENCING AT 16' "CRIB" GATE



PROJECT LOCATION

STATE MAP
NOT TO SCALE

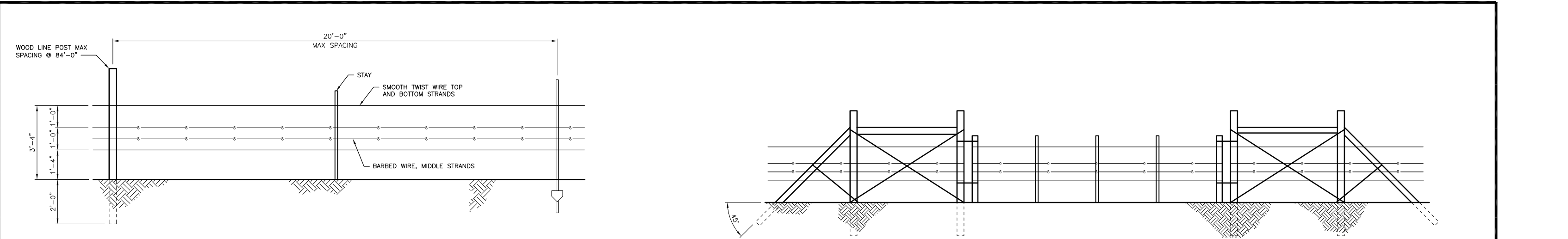


VICINITY MAP
NOT TO SCALE

WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE

SYM	DATE	REVISION DESCRIPTION	BY
APPROVED AND RELEASED FOR CONSTRUCTION			
CHIEF ENGINEER	DATE:	DESIGNED BY C. DAVIDSON	CHECKED BY:
PROGRAM	DATE:	DRAWN BY N. WHITE	DATE 7-30-2014

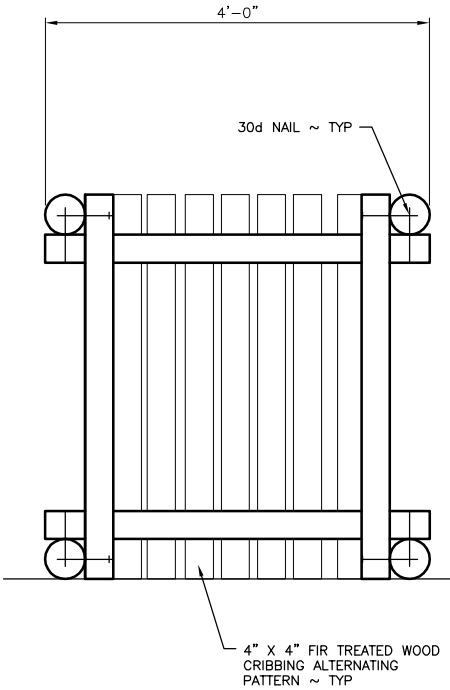
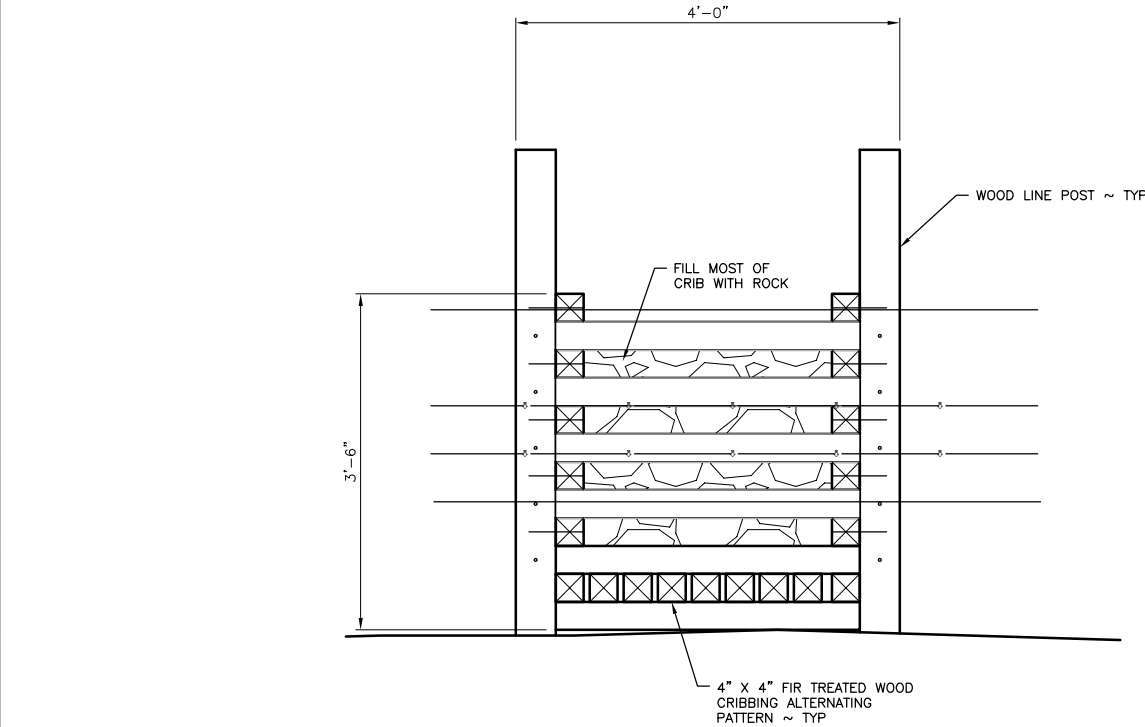
LT MURRAY WLA – QUILOMENE UNIT		PROJECT NO. KS:R70:14-1	
PARKE CREEK FENCE		SHEET	OF
VICINITY & STATE MAP		1	3



LINE FENCE
SCALE: 1/2" = 1'-0"

NOTES:

1. ALL POST SPACING SHALL NOT EXCEED 14'-0".
2. RATIO OF WOOD POSTS TO STEEL POSTS SHALL BE 1 WOOD TO 5 STEEL POSTS.
3. WOOD LINE POST SHALL BE AT LEAST 7'-0" LONG x 5" TO 6" IN DIAMETER. POSTS SHALL BE BURIED A MINIMUM DEPTH OF 24". POSTS SHALL BE DUG IN AND TAMPED. NOT DRIVEN. POSTS SHALL BE PRESSURE TREATED AS DESCRIBED IN SPECIFICATIONS.
4. STEEL T POST SHALL BE HEAVY DUTY WEIGHT, 1.33 LBS PER FOOT, GREEN WITH WHITE TOP, MINIMUM OF 5'-0" LENGTH. ALL STEEL POSTS SHALL BE DRIVEN TO A DEPTH OF 18". IF DEPTH CANNOT BE REACHED DUE TO GROUND CONDITIONS, USE METHODS APPROVED BY ENGINEER.
5. AT THE DIRECTION OF THE ENGINEER WOOD POSTS MAY BE SUBSTITUTED WITH ROCK JACKS WHERE POST DEPTH CANNOT BE REACHED DUE TO GROUND CONDITIONS, ROCK JACKS SHALL BE CONSTRUCTED FROM PRESSURE TREATED 2 x 6 MATERIALS AND PT WOOD POSTS. SEE DETAIL SHEET 7
6. STAYS SHALL BE EITHER 9 1/2 GA. 42" WIRE TWIST STAYS OR 48" 2" x 2" PT. WOOD STAYS. STAYS SHALL BE INSTALLED BETWEEN EVERY POST IN LINE. WOOD STAYS ARE PREFERRED.
7. SMOOTH TWIST WIRE SHALL BE 12 1/2 GA., BARBLESS, SMOOTH TWISTED WIRE, CLASS 3 GALV.
8. BARB WIRE SHALL BE CLASS 3 GALV. 12 1/2 GA., 4 POINT 14 GA. BARBED, WITH BARBS SPACED AT 5".
9. STAPLES TO ATTACH WIRE TO WOOD POST SHALL BE BARBED GALV. 9 GA. 1 3/4" LONG.
10. WIRE CLAMPS TO ATTACH BARB WIRE TO STEEL POSTS SHALL BE GALV. 11 GA. WIRE.
11. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



ROCK CRIB
SCALE: 1" = 1'-0"

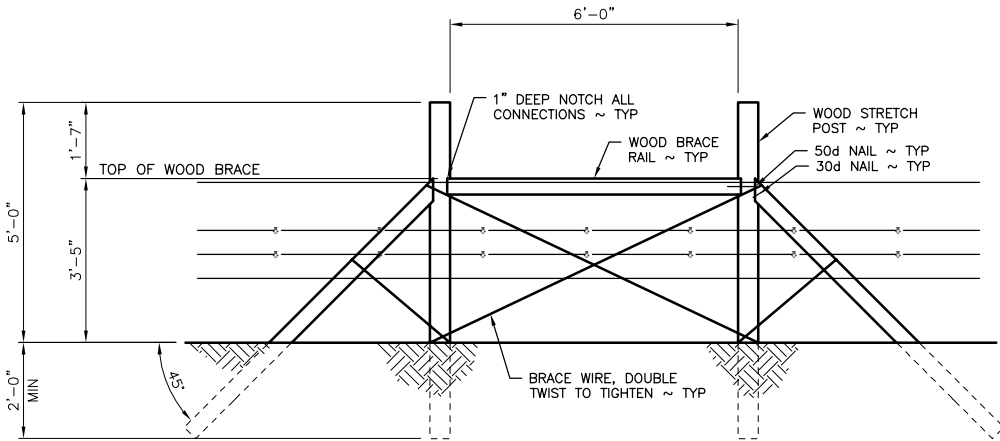
NOTE:

ROCK CRIBS CAN BE USED IN LIEU OF ANY OF THE OTHER STRUCTURAL ELEMENTS IF APPROVED BY OWNER

DROP GATE
SCALE: 3/8" = 1'-0"

NOTE:

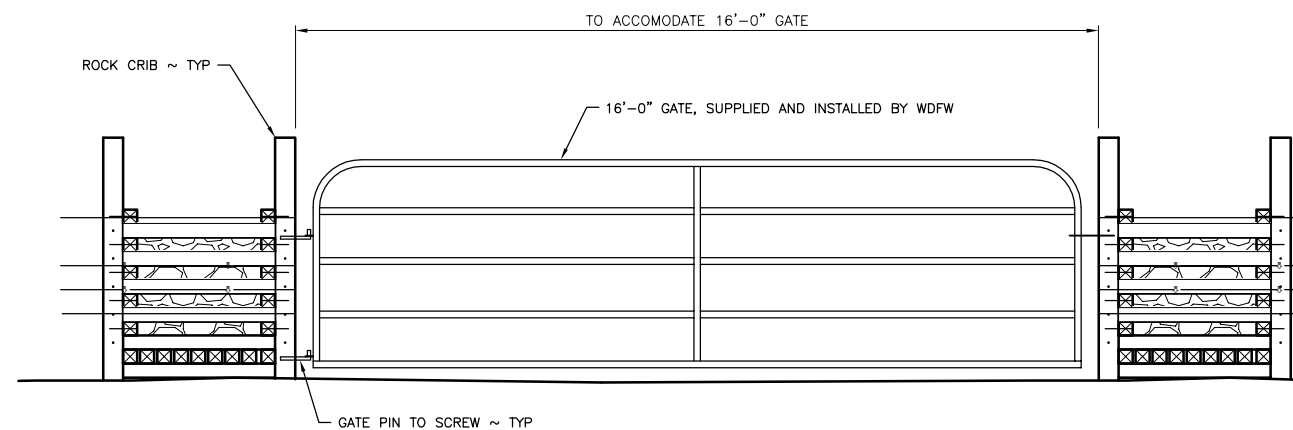
GATE SHALL HAVE THREE VERTICAL STAYS AT 1/4 POINTS ALONG GATE. THE DROP POSTS LOCATED AT EACH END SHALL BE 5'-6" WOOD POSTS CUT TO A LENGTH OF 4'-0" CONSTRUCTED OF BRACE WIRE AND LOOPED AROUND END BRACE POSTS TO FACILITATE CLOSURE OF THE GATE. SPACING OF THE LONGITUDINAL WIRES SHALL BE THE SAME AS THE LINE FENCE



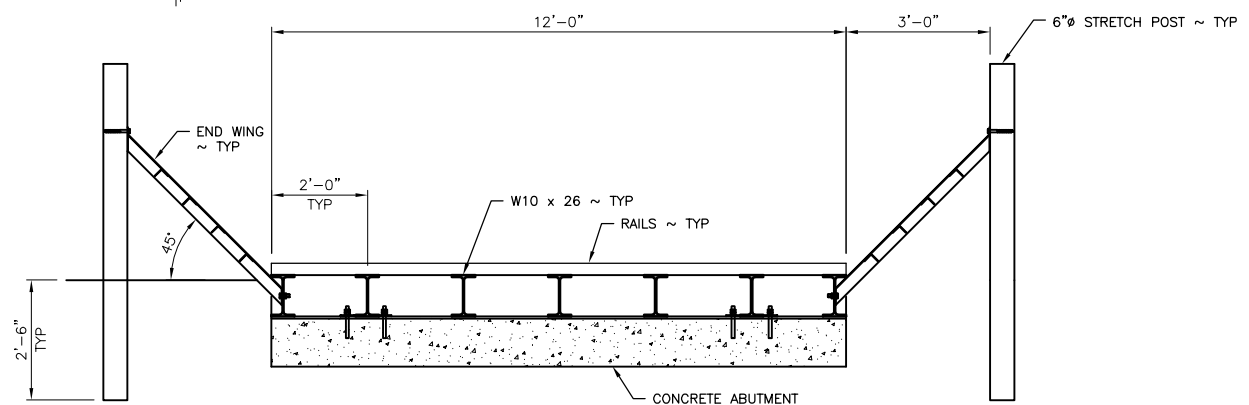
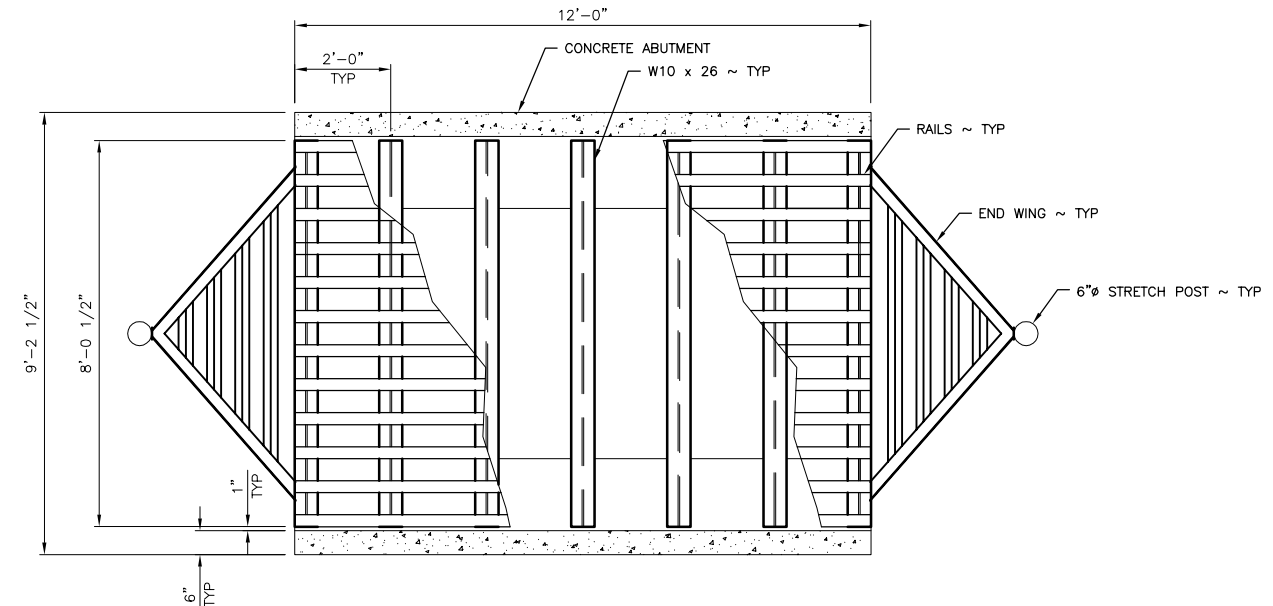
TWO WAY STRETCH BRACE
SCALE: 1/2" = 1'-0"

NOTES:

1. CORNER AND STRETCH BRACE POSTS SHALL BE AT LEAST 7'-0" LONG x 6" IN DIAMETER. POSTS SHALL BE BURIED TO THE MINIMUM DEPTH SHOWN. POSTS SHALL BE DUG IN AND TAMPED, NOT DRIVEN. POSTS SHALL BE PRESSURE TREATED AS DESCRIBED IN SPECIFICATIONS.
2. POSTS MAY BE SUBSTITUTED WITH ROCK JACKS WHERE DIRECTED BY THE ENGINEER.
3. BRACE WIRE SHALL BE SMOOTH 9 GA. GALV. WIRE, MEETING THE REQUIREMENTS OF THE SPECIFICATIONS.
4. SMOOTH TWIST WIRE SHALL BE 12 1/2 GA., BARBLESS, SMOOTH TWISTED WIRE, CLASS 3 GALV.
5. BARB WIRE SHALL BE 12 1/2 GA., 4 POINT 14 GA. BARBED, WITH BARBS SPACED AT 5", CLASS 3 GALV.
6. STAPLES TO ATTACH WIRE TO WOOD POSTS SHALL BE GALV. 9 GA., 1 3/4" LONG.
7. STRETCH BRACE SPACING SHALL BE A MAXIMUM DISTANCE OF 1320'. (1/4 MILE).
8. STRETCH BRACES SHALL BE CONSTRUCTED WITH 30d AND 50d GALVANIZED COMMON NAILS.
9. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

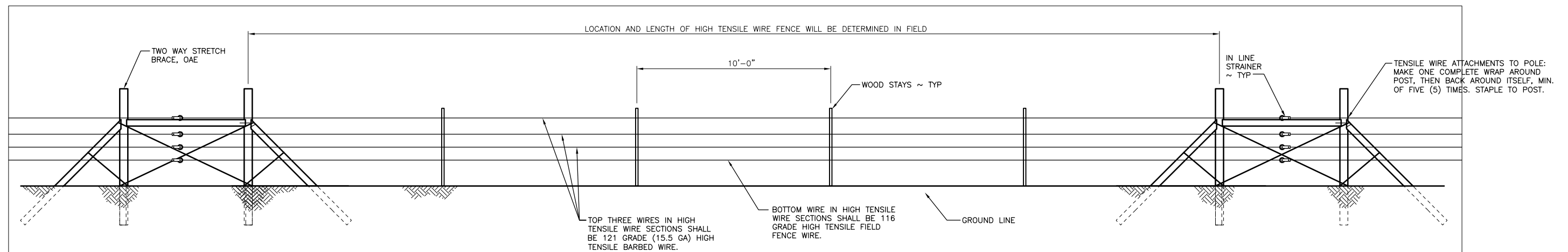


"CRIB" GATE
SCALE: 1/2" = 1'-0"



CATTLE GUARD
SCALE: 1/2" = 1'-0"

NOTE:
DESIGN LOADING SHALL MEET AASHTO HS20-44 REQUIREMENTS. PROVIDE DRAINAGE AWAY FROM STRUCTURE



HIGH TENSILE WIRE FENCE
SCALE: 3/8" = 1'-0"

NOTE:

IN VERY DIFFICULT SECTIONS, AT THE DISCRETION OF THE OWNERS REPRESENTATIVE, HIGH TENSION WIRE FENCE SECTIONS MAY BE SUBSTITUTED FOR STANDARD FENCE.

WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE

					0 ————— 1"
					BAR MEASURES ONE INCH ON ORIGINAL DRAWINGS
SYM	DATE	REVISION DESCRIPTION			BY
APPROVED AND RELEASED FOR CONSTRUCTION					DESIGNED BY C. DAVIDSON
					CHECKED BY
CHIEF ENGINEER					DATE:
PROGRAM					DATE:
					DRAWN BY N. WHITE
					DATE 7-30-2014

LT MURRAY WLA – QUILOMENE UNIT
PARKE CREEK FENCE
FENCE DETAILS 2

PROJECT NO.
KS:R70:14-1

SHEET
3

OF
3